

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	09/669,913
(use as many sheets as necessary)		Filing Date	09-23-2000
		First Named Inventor	Charles A. Seiber, et al.
		Group Art Unit	2604
		Examiner Name	William L. Miller
		Attorney Docket Number	871462.10523
Sheet	1	of	2

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature		Date Considered	6/16/03
-----------------------	---	--------------------	---------

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

Substitute for form 1449B/PTO		<i>Complete If Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	09/669,913
		Filing Date	09-23-2000
		First Named Inventor	Charles A. Seiber, et al
		Group Art Unit	2604
		Examiner Name	William L. Miller
		Attorney Docket Number	871462.1052331
Sheet	2	of	2

REC

MAR 28 2003

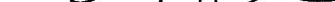
GROUP 3600

#### **OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

~~RECEIVED~~

MAR 21 2003

Technology Center 2600

Examiner Signature		Date Considered	6/12/03
--------------------	---	-----------------	---------

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/08A (02-03)

Approved for use through 04/30/2003. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

# PART OF PAPER #19

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 13

**Complete if Known**

Application Number	09/669,913
Filing Date	09-25-00
First Named Inventor	Robert Peter Arko
Art Unit	
Examiner Name	

Attorney Docket Number 871462.00002.cont.

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> ( <i>if known</i> )			
	1	US- 119.054	09-19-1871	D. Shryock	
	2	US- 124,334	03-27-1919	J.P. Bayly	
	3	US- 241.600	05-17-1881	S. Bray	
	4	US- 241.925	05-24-1881	W.C.Cadwell	
	5	US- 249.198	11-08-1881	H.E. Moon	
	6	US- 253.538	02-14-1882	G.A. McLane	
	7	US- 454.844	06-30-1891	A.W. Brewerton, et al.	
	8	US- 475.126	05-17-1892	W.A. Lorenz	
	9	US- 549.347	11-05-1895	W. Clark	
	10	US- 605.148	06-07-1898	R. Sylvester	
	11	US- 621.835	03-28-1899	W. MacDonald	
	12	US- 627.396	06-20-1899	T.F. Daly	
	13	US- 713.417	11-11-1902	L. Feldmann, et al	
	14	US- 821.144	05-22-1906	J.D. Walsh	
	15	US- 943.821	12-21-1909	F. Feldmann, Jr.	
	16	US- 955.586	04-19-1910	L. Emerich	
	17	US- 997.866	07-11-1911	W.J. Smith	
	18	US- 1,086.236	02-03-1914	A.F. Staples	
	19	US- 1,122,926	12-29-1914	H.J. Hick	

RECEIVED

MAY 12 2003

GROUP 3600

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> "Number" "Kind Code <sup>5</sup> ( <i>if known</i> )				

Examiner Signature	<i>[Signature]</i>	(ALL PAGES)	Date Considered	6/12/03
--------------------	--------------------	-------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)  
Approved for use through 10/31/2002.  
U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Do not submit a collection of information unless it contains a valid OMB control number.

**Substitute for form 1449A/PTO  
PART OF PAPER #19  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 13

### **Complet if Knwn**

<p>Substitute for form 1449A/PTO</p> <p><b>PART OF PAPER #19</b></p> <p><b>INFORMATION DISCLOSURE</b></p> <p><b>STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>		<p><b>Completeness</b></p> <p><b>if Known</b></p>	
Sheet	2	of	13
		<p>Application Number 09/669,913</p> <p>Filing Date 09-25-00</p> <p>First Named Inventor Robert Peter Arko</p> <p>Group Art Unit</p> <p>Examiner Name</p> <p>Attorney Docket Number 871462.00002.cont</p>	

## **U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	20	1,141,404		E.B. Moseley	06-01-1915	
	21	1,203,659		S.T. Smith	11-07-1916	
	22	1,254,036		H.R. Grant	01-22-1918	
	23	1,326,832		H.H. Bailv	12-30-1919	
	24	1,457,990		E.C. Morgan	06-05-1923	
	25	1,616,897		R.D. Hayes	02-08-1927	
	26	1,688,456		C.Dolph	10-23-1928	
	27	1,770,755		W.H. Kleinpell	07-15-1930	
	28	1,826,469		F.E. Hunt et al.	10-06-1931	
	29	1,887,539		J.B. Brown	11-15-1932	
	30	1,843,629		H.M. Schwartz	01-16-1934	
	31	1,958,579		J.F. Johnson et al	05-15-1934	
	32	1,997,829		S.W. McKee	04-16-1935	
	33	2,070,408		N.C. Leidgen	02-09-1937	
	34	2,144,083		L.W. Rentfrow Sr	01-17-1939	
	35	2,348,414		L.L. Pierce	05-09-1944	
	36	2,691,238		H.B. Svatos	10-12-1954	
	37	2,795,067		J.A. Walker	06-11-1957	
	38	2,812,067		N.A. Gussack	11-05-1957	
	39	2,870,459		R.F. Zabielski	07-27-1959	

**RECEIVED**  
MAY 12 2003  
**GROUP 3600**

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →

PTO/SB/08A (08-00)

Approved for use through 10/31/2002.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

MAY 09 2003

**Substitute for form 1449A/PTO**

Substitute for form 1449A/PTO  
**PART OF DAPER #19**  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 13

**Complete if Known**

Application Number	09/669,913
Filing Date	09-25-00
First Named Inventor	Robert Peter Arko
Group Art Unit	
Examiner Name	
Attorney Docket Number	871462 00002 cont

ANSWER

Attorney Docket Number 871462.00002.cont

## **U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kiad Code <sup>2</sup> (if known)			
	40	2,886,182		A. Dauman	05-12-1959	
	41	2,914,873		A. Brennan	12-01-1959	
	42	2,928,555		P.A. Childs et al	03-15-1960	
	43	2,963,332		F.C. Breuning	12-06-1960	
	44	3,017,999		L.C. Cano	01-23-1962	
	45	3,042,978		C. Eames et al	07-10-1962	
	46	3,078,133		W.E. Schauer	02-19-1963	
	47	3,141,207		M.D. Kahler	07-21-1964	
	48	3,181,274		G.C. Izenour	05-04-1965	
	49	3,251,477		J. Parstorfer	05-17-1966	
	50	3,286,382		E.S. Newman	11-22-1966	
	51	3,351,211		L.H. Best	11-07-1967	
	52	3,391,796		T.L. Cross	07-09-1968	
	53	3,412,868		E.H. Carter	11-26-1968	
	54	3,425,568		A.O. Albright	02-04-1969	
	55	3,514,883		A.O. Albright	06-02-1970	
	56	3,557,499		W.N. Dickie et al	01-26-1971	
	57	3,581,423		Mascolo	06-01-1971	
	58	3,643,362		Hackett, et al	02-22-1972	
	59	3,646,696		Sarkisian	03-07-1972	

**RECEIVED**

MAY 12 2003

# GROUP 3600

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
in a collection of information unless it contains a valid OMB control number.

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

Substitute for form 1449A/PTO

**PART OF DADER II 19  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 4 of 13

**Complete if Known**

Application Number	09/669,913
Filing Date	09-25-00
First Named Inventor	Robert Peter Arko
Group Art Unit	
Examiner Name	
Attorney Docket Number	871462.00002.cont

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number			
	60	3,683,100	Deal et al	08-08-1972	
	61	3,732,633	Marqolis et al	05-15-1973	
	62	3,760,952	White	09-25-1973	
	63	3,777,896	Ehrlich	12-11-1973	
	64	3,797,146	Holes	03-19-1974	
	65	3,857,731	Merrill Jr. et al	12-31-1974	
	66	3,883,972	Propst et al	05-20-1975	
	67	3,921,320	McWilliams	11-25-1975	
	68	3,924,749	Weston	12-09-1975	
	69	3,936,968	Gilbert	01-10-1976	
	70	3,952,133	Amos et al	04-20-1976	
	71	3,975,837	Baars	08-24-1976	
	72	3,984,930	Booland	10-12-1976	
	73	4,033,058	Lyman	07-05-1977	
	74	4,083,137	Rozmanith	04-11-1978	
	75	4,135,775	Driscoll	01-23-1979	
	76	4,166,332	Donovan	09-04-1979	
	77	4,180,298	Borgerson Jr.	12-25-1979	
	78	4,194,313	Dowing	03-25-1980	
	79	4,239,170	Planebo	12-16-1980	

**RECEIVED**  
MAY 12 2003  
**GROUP 3600**

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered
-----------------------	--	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →

PTO/SB/08A (08-00)  
Approved for use through 10/31/2002.  
U.S. DEPARTMENT OF COMMERCE

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

Substitute for form 1449A/PTO <b>PART OF PAPER #19</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>C omplete if Known</b>	
		Application Number	09/669,913
		Filing Date	09-25-00
		First Named Inventor	Robert Peter Arko
		Group Art Unit	
		Examiner Name	
Sheet	5	of	13
		Attorney Docket Number	

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	80	4,254,569		Janik	03-10-1981	
	81	4,270,290		Eckert	06-02-1981	
	82	4,310,978		Stern	01-19-1982	
	83	4,360,240		Koncelik et al	11-23-1982	
	84	4,360,991		West	11-30-1982	
	85	4,364,984		Wentworth	12-21-1982	
	86	4,428,136		Franklin	01-31-1984	
	87	4,447,973		Wihlke	05-15-1984	
	88	4,457,436		Kelley	07-03-1984	
	89	4,478,467		Tyndall	10-23-1984	
	90	4,569,448		Graham	02-11-1986	
	91	4,588,190		Stewart et al	05-13-1986	
	92	4,606,394		Bannister	08-19-1986	
	93	4,620,635		Morand	11-04-1986	
	94	4,652,239		Brimberg	03-24-1987	
	95	4,658,966		Broek	04-21-1987	
	96	4,175,154		Balogh	12-29-1987	
	97	4,723,665		Benedict et al	02-09-1988	
	98	4,723,821		Montgomery	02-09-1988	
	99	4,750,305		Bastian	06-14-1988	

**RECEIVED**  
MAY 12 2003  
**GROUP 3600**

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →

PTO/SB/08A (08-00)  
Approved for use through 10/31/2002.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
in a collection of information unless it contains a valid OMB control number.

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

<b>JC275 PART OF PAPER # 19 INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		<b>Compleat if Known</b>	
Sheet	6	of	13
		Application Number	09/669,913
		Filing Date	09-25-00
		First Named Inventor	Robert Peter Arko
		Group Art Unit	
		Examiner Name	
		Attorney Docket Number	871462.00002.cont

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
✓	100	4,757,901		Woods	07-19-1988	
✓	101	4,771,557		Bowman	09-20-1988	
✓	102	4,793,495		Preu	12-27-1988	
✓	103	4,805,331		Boagess et al	02-21-1989	
✓	104	4,902,229		Pedersen et al	02-20-1990	
✓	105	4,913,297		Wells	04-03-1990	
✓	106	4,928,465		Del Castillo Von Haucke	05-29-1990	
✓	107	4,930,237		Oliphant	06-05-1990	
✓	108	4,932,172		Maas	06-12-1990	
✓	109	4,954,382		Riefler et al	09-04-1990	
✓	110	4,979,785		Richards	12-25-1990	
✓	111	4,996,110		Tanuma et al	02-26-1991	
✓	112	5,016,373		Theno	05-21-1991	
✓	113	5,090,171		Kano et al	02-25-1992	
✓	114	5,105,952		Krattiger	04-21-1992	
✓	115	5,109,994		Kidd et al	05-05-1992	
✓	116	5,112,020		Ginsberg	05-12-1992	
✓	117	5,125,202		Kissinger	06-30-1992	
✓	118	5,139,155		Laxson	08-18-1992	
✓	119	5,148,925		Althoff et al	09-22-1992	

RECEIVED

MAY 12 2003

# GROUP 3600.

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Do not use this form for a collection of information unless it contains a valid OMB control number.

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**



Substitute for form 1449A/PTO  
**PART OF PAPER #19**  
**INFORMATION DISCLOSURE**  
**STATEMENT BY APPLICANT**

*(use as many sheets as necessary)*

Sheet 7 of 13

**Complete if Known**

Application Number	09/669,913
Filing Date	09-25-00
First Named Inventor	Robert Peter Arko
Group Art Unit	
Examiner Name	
Attorney Docket Number	871462.00002.cont

Sheet 7 of 13

Attorney Docket Number 871462.00002.cont

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	120	5,160,050		Russo	11-03-1992	
	121	5,160,189		Johnston et al	11-03-1992	
	122	5,161,321		Kuhnke	11-10-1992	
	123	5,181,334		Mima	01-26-1993	
	124	5,186,499		Mason	02-16-1993	
	125	5,214,885		Maas et al	06-01-1993	
	126	5,226,548		Koeddel	07-13-1993	
	127	5,241,796		Hellwig et al	09-07-1993	
	128	5,248,536		Du Katz	09-28-1993	
	129	5,253,368		Blake`	10-19-1993	
	130	5,282,341		Baloqa et al	02-01-1994	
	131	5,289,926		Lewis et al	03-01-1994	
	132	5,290,002		Cohen	03-01-1994	
	133	5,301,477		Rellinger et al	04-12-1994	
	134	5,309,686		Underwood et al	05-10-1994	
	135	5,321,579		Brown et al	06-14-1994	
	136	5,342,665		Krawitz	08-30-1994	
	137	5,368,486		Kurzman	11-29-1994	
	138	5,375,802		Branhman II	12-27-1994	
	139	5,384,999		Roche et al	01-31-1995	

**RECEIVED**  
MAY 12 2003  
**GROUP 3600.**

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

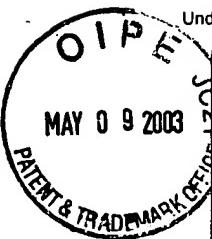
Please type a plus sign (+) inside this box

PTO/SB/08A (08-00)

Approved for use through 10/31/2002.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**



Substitute for form 1449A/PTB  
**PART OF PAPER # 19**  
**INFORMATION DISCLOSURE**  
**STATEMENT BY APPLICANT**

*(use as many sheets as necessary)*

Sheet 8 of 13

<b>STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Filing Date	03-25-00
				First Named Inventor	Robert Peter Arko
				Group Art Unit	
				Examiner Name	
Sheet	8	of	13	Attorney Docket Number	871462.00002.cont.

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If known)			
	140	5.392.934		Fox	02-28-1995	
	141	5.394.631		Bosio	03-07-1995	
	142	5.406.761		Hobbiebrunken et al	04-18-1995	
	143	5.422.155		Spence Jr.	07-06-1995	
	144	5.428.928		Hellwig et al	07-04-1995	
	145	5.486.391		Tvner	01-23-1996	
	146	5.495.953		Bearth	03-05-1996	
	147	5.503.278		Ishmael	04-02-1996	
	148	5.511.348		Cornell et al	04-30-1996	
	149	5.513.574		Collins	05-07-1996	
	150	5.536.080		Madimenos et al	07-16-1996	MAY 12
	151	5.549.267		Armbruster et al	08-27-1996	
	152	5.558.418		Lambright et al	09-24-1996	
	153	5.569.503		Piotroski	10-29-1996	
	154	5.584.546		Gurin et al	12-17-1996	
	155	5.588.659		Boes et al	12-31-1996	
	156	5.590.940		Richard	01-07-1997	
	157	5.607.214		Pierce et al	03-04-1997	
	158	5.609.112		Meyer et al	03-11-1997	
	159	5.617.660		Pollack	04-08-1997	

**RECEIVED**  
MAY 12 2003  
**GROUP 3600**

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →

PTO/SB/08A (08-00)  
Approved for use through 10/31/2002.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

A circular stamp from the Oficina Intercalar de Patentes y Marcas (O.I.P.E.). The outer ring contains the text "PATENT & TRADEMARK OFFICE" at the top and "O.I.P.E." at the bottom. The center of the stamp contains the date "MAY 09 2003" and the reference "JC21".

**Substitute for form 1449A/PTO**

**D A R T O F P A P E R #19**

**INFORMATION DISCLOSURE**

**STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 9 of 13

**Cmplte if Known**

Application Number	09/669,913
Filing Date	09-25-00
First Named Inventor	Robert Peter Arko
Group Art Unit	
Examiner Name	

Sheet 9 of 13

Attorney Docket Number 871462 00002 cont

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	160	5,635,265		Potokar	06-03-1997	
	161	5,647,172		Rokicki	07-15-1997	
	162	5,646,631		Loflin	07-22-1997	
	163	5,655,323		Lassoff	08-12-1997	
	164	5,655,672		Stuchlik III	08-12-1997	
	165	5,658,635		Davis et al	08-19-1997	
	166	5,675,946		Verbeek et al	10-14-1997	
	167	5,682,695		Hoffman	11-04-1997	
	168	5,687,499		Brnjac	11-18-1997	
	169	5,687,513		Balogh et al	11-18-1997	
	170	5,688,579		Konsti et al	11-18-1997	
	171	5,694,881		Creech	12-09-1997	
	172	5,695,264		Koch	12-09-1997	
	173	5,697,589		Garfinkle	12-16-1997	
	174	5,711,121		Garver	01-27-1998	
	175	5,724,778		Cornell et al	03-10-1998	
	176	5,743,193		Kakuta et al	04-28-1998	
	177	5,746,330		DiBetta	05-05-1998	
	178	5,765,315		Nagamitsu et al	06-16-1998	
	179	5,771,954		Benner et al	06-30-1998	

**RECEIVED**

MAY 12 2003

# GROUP 3600

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**PART OF PAPER #19**  
**INFORMATION DISCLOSURE**  
**STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 10 of 13

Complete if Known

Application Number	09/669,913
Filing Date	09-25-00
First Named Inventor	Robert Peter Arko
Group Art Unit	
Examiner Name	

Attorney Docket Number 871462.00002.cont.

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
✓	180	5,794,392		Forslund et al	08-18-1998
✓	181	5,826,385		Dykstra et al	10-27-1998
✓	182	5,826,639		Miller	10-27-1998
✓	183	5,829,202		Canton Gonaora et al	11-03-1998
✓	184	5,831,211		Gartuna et al	11-03-1998
✓	185	5,848,698		Stompe	12-15-1998
✓	186	5,873,205		Hanlon et al	02-23-1999
✓	187	5,901,485		Kiggins	05-11-1999
✓	188	5,901,513		Mollenkopf et al	05-11-1999
✓	189	5,913,787		Edwards	06-22-1999
✓	190	5,931,429		Hellwig et al	08-03-1999
✓	191	5,941,713		Wayner et al	08-24-1999
✓	192	5,966,879		Verbeek et al	10-19-1999
✓	193	5,984,441		Stokhuizen	11-16-1999
✓	194	5,987,794		Lavi et al	11-23-1999
✓	195	6,015,124		Loy	01-18-2000
✓	196	6,048,044		Biggel et al	04-11-2000
✓	197	6,076,317		Hellwig et al	06-20-2000
✓	198	6,249,999		Borge et al	06-26-2001

RECEIVED

MAY 12

2003 GROUP 3600

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Office <sup>3</sup>	Number <sup>4</sup>		
✓	1	WC	95/24031	Melhus	08-09-95
✓	2		164466		15-04-1949
✓	3	EP	0-124-334	Agawal et al	12-07-89
✓	4		232680		30-08-1908
✓	5		1,561,580		02-04-1970
✓	6	JP	0093944		Apr. 1991
✓	7	JP	0093946		Apr. 1991

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



# PART OF PAPER #19 INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

11

of

13

## Complete if Known

Application Number	09/669,913
Filing Date	09-25-00
First Named Inventor	Robert Peter Arko
Group Art Unit	
Examiner Name	
Attorney Docket Number	871462.00002.cont.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	1	Details - March 2001, 5 pages
	2	Pannelli PL, cubicle walls pp. 1-37
	3	Progetto 25.90, cubicle walls 1-17
	4	Downing Displays, 8-pages
	5	The Office of the Future, 4-pages
	6	Habitat-Ufficio, 5 pages
	7	2 newspaper ads
	8	Hotdesk-Workstation System by Schiavello, Durable Yet Future Proof, 3 pages
	9	cubicle walls, 3 pages
	10	-presentation-materials, pp. 14-17
	11	Wall-Mounted Presentation Boards & Display Rail, 15 pages

RECEIVED  
MAY 12 2003  
GROUP 3600

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



# PART OF PAPER #19 INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

12 of 13

*Compl t if Known*

Application Number	09/669,913
Filing Date	09-25-00
First Named Inventor	Robert Peter Arko
Group Art Unit	
Examiner Name	

Attorney Docket Number 871462.00002.cont.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	12	Sunrise Business Products, 9 pages & 2 pages
	13	5 pages from office equipment catalog
	14	Best-Rite Manufacturing, 4 pages from catalog
	15	Board Bulletin, 3 pages
	16	Easel Boards, 4 pages
	17	Bretford, 2 pages
	18	5 pages of display/easel boards
	19	Eagan System, 3 pages
	20	Post-It Products, 2 pages
	21	ASMT Mobile Task Board
	22	Presentation Easels

**RECEIVED**

MAY 12 2003

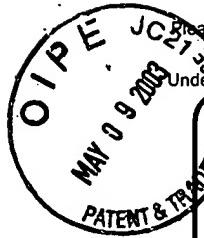
**GROUP 3600**

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box → +

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

Substitute for form 1449B/PTO  
**PART OF PAPER #19**  
**INFORMATION DISCLOSURE**  
**STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 13 of 13 Attorney Docket Number 871462.00002 cont.

### **Compl t if Kn wn**

**Application Number** 09/669,913

**Filing Date** 09-25-00

**First Named Inventor** Robert Peter Arko

## Group Art Uni

**Examiner Name**

Sheet 13 of 13 Attorney Docket Number 871462.00002.cont.

#### **OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.